

SOP FOR MS IN ROBOTICS

From wheels to steam engines, and from abacus to artificial intelligence, a distinct innovation has demarcated each century in the history of modern humanity. The defining characteristic technology of the coming era will be robots that can flawlessly emulate human skills. My passion for robotics has convinced me to further my education and establish a career in this discipline.

As a conscientious learner, I have performed well throughout my academic career. My Secondary School Education concluded with 89% marks and Higher Secondary Education with 91.2%. Following my penchant for diverse types of machinery and industrial tools, I selected a mechanical engineering degree for my graduation and completed the course with a healthy CGPA of 7.6. Through the course, I learned about Combustion and Energy Systems, Aerodynamics and Fluid Mechanics, Kinematics of Machinery, Thermodynamics, and the basics of robotics.

My earliest experience with robotics comes from my final year project. It was a prototype capable of serving as a waiter at restaurants. The robot required trackways from the kitchen to each of the tables. The machine also needed human assistance to input the required seat number and place the food trays into its carrier. The robot then follows the set line of the path to reach the customer and returns to the work area after the customer has received the order. I also installed a proximity sensor, which empowered the robot to detect and avoid obstacles to prevent crashes.

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I have participated in various technological activities within and outside of the academic scope. Fascinated by the scope of robotics, I joined the Robotics Club of the university to meet and interact with like-minded peers. This club brought me the chance to contest in many nationwide events. Our team built the first-ever completely automatic robot from the university and presented it at the National Engineering Fair in Pune. We made significant progress and improved our model in the following years. The team has gained a lot of practical experience from such events. These achievements braced me up for a career in robotics.

While considering my career prospects, I recognized the need to equip myself with high-level education to propel to my ambitions. A mechanical engineering degree is a solid first step towards a career in robotics. However, the degree by itself is not sufficient to thrive in the competitive scenario. Robotics as a field of study requires advanced knowledge and precise skillsets. This conviction reasoned me to earn an MS in Robotics.

As I began to consider progressing my educational pursuit solemnly, I was very specific that the program must bestow me with sufficient global insights and international industrial exposure. Such a course would be conducive to shaping me as a valuable professional to my organization. During my degree program in India, I realized that despite its flourishing industry, Indian academia has a lot of room for improvement when it comes to engineering education. This justifies why I decided to pursue the program from a foreign academy.

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In contrast, Australia is well-known for being an appropriate scholastic destination for international aspirants. In comparison with other technologically advanced countries that offer similar courses, Australia is much more affordable in terms of cost of living and education. The country has plenty of world-class education hubs that offer first-rate infrastructure, state-of-the-art lab amenities, and promising international courses. In addition to this, Australia is a very hospitable land that welcomes people from diverse countries and cultures.

As a university, Flinders has a long enough legacy to substantiate its benefits. The academy has successfully adapted to experimental styles of education. I was contented with the highlights of the campus and the standards of the scholastic plan furnished on the university's official website. The academic curriculum crafted by veteran professors with vast industry experience and research backgrounds will serve me well. In addition to offering great infrastructure and cutting-edge research facilities, the university emphasizes molding the destiny of the scholars and making them professionally skilled for their careers.

The university lays adequate attention to preparing the students to join the workforce. I hope to gain sufficient experience from the academic infrastructure here. The welcoming nature and student assistance services provided by Flinders University will augment my student life immensely. I aim to polish my skills by communicating with expert teachers. Considering all these potentials, I settled my decision to pursue my higher studies at Flinders University.

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I have always looked up to tech entrepreneurs like Elon Musk, who make worthy contributions to technological expansion and social welfare. Following this path, my aspiration is to establish a startup that will deliver quality service to industrial-level requirements in robotics. I plan to commence my career by integrating myself with a leading company to assimilate the prerequisite experience and insights. Later, I will venture into my dream of establishing a startup. The holistic academic environment at your revered university will propel me closer to my professional aspirations.